



**IMPROVED METHOD AND APPARATUS FOR ENHANCING
THERMAL STABILITY, IMPROVING BIASING AND
REDUCING DAMAGE FROM ELECTROSTATIC DISCHARGE
IN SELF-PINNED ABUTTED JUNCTION HEADS
HAVING A SECOND HARD BIAS LAYER DISPOSED AWAY
FROM THE FREE LAYER**

Applicants: Gill, et al.
Docket: HSJ920030016US3/HITG.055PA
Sheet 5 of 10

600a

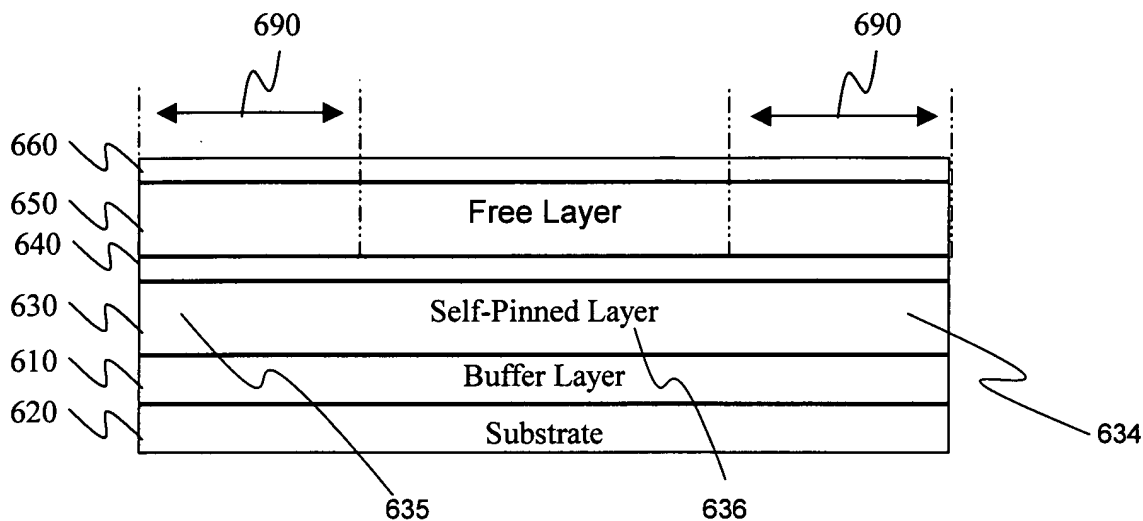


Fig. 6a

600b

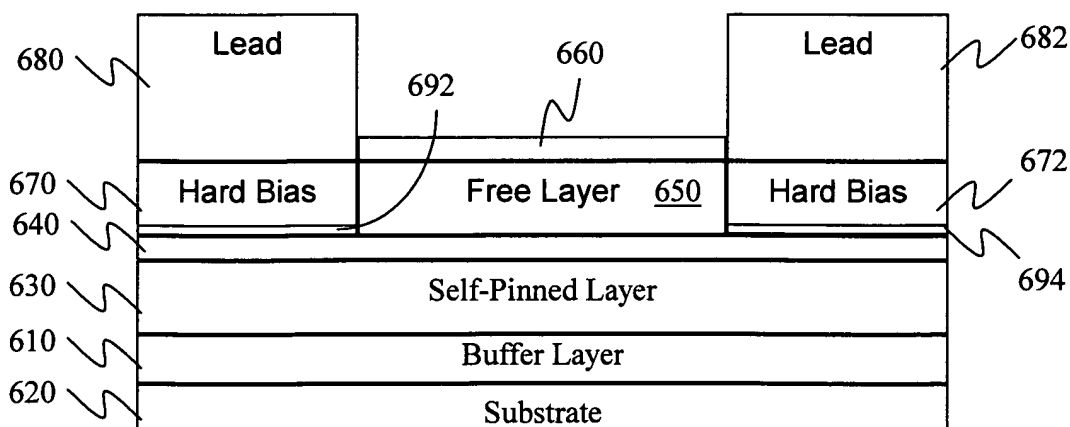


Fig. 6b